ABSTRACT

A method of scanning frequency coefficients from an original two dimensional array into a one dimensional array of the frequency coefficients. The frequency coefficients correspond to pixels in a block that are to be encoded. The method includes dividing the original two dimensional array of the frequency coefficients into a number of four by four blocks of frequency coefficients and successively scanning the frequency coefficients in each of the number of four by four blocks with a pre-determined scanning order starting at 0 and ending at 15.